

## Table of Contents

<b>Surface Enhanced Raman Spectroscopic Studies on Surface Plasmon Resonance Catalytic Activity of TiO<sub>2</sub>-Metal Nanocomposites</b> Y.H. Lu, M.M. Xu, C.J. Zhang, Y.X. Yuan and J.L. Yao	1
<b>Synthesis and Characterization of Nanoparticles Extracted from <i>Catharanthus roseus</i> Plant</b> M.A. Al-Azzawi, W.R. Saleh, F.A. Rashid and B.M.J. Alwash	15
<b>Low Velocity Impact Behaviour of Composite Laminates Containing TiC and ZrC Nanoparticles in Resin System</b> P. Alabay and F. Elaldi	25
<b>Influence of Y<sup>3+</sup> Doping on Dielectric and Optical Properties of Ce<sub>2</sub>S<sub>3</sub> Spherical Shaped Nanostructures Synthesized by Chemical Precipitation Method</b> V. Adimule, B.C. Yallur and R. Sankannavar	37
<b>Ab Initio Calculations of the Atomic Structure, Stability, and Electronic Properties of (C<sub>6</sub>H<sub>10</sub>O<sub>5</sub>)<sub>2</sub> Encapsulation into Hydrogen-Doped Carbon Nanotube</b> A.A.G. Pido, A.A.Z. Munio and L.C.C. Ambolode II	53
<b>Effect of Titanium Dioxide Nanoparticles on the Properties of Poly(Vinyl Alcohol)/Silica Hybrid Films Prepared by the Sol-Gel Method</b> B. Mahdi and F. Rouabah	63
<b>Preliminary Study on Mechanical Properties of 3D-Printed Carbon-PLA Filament with Different Printing Orientation for SUAV Wings Application</b> M.A.F. Hendrawan, K.A. Ilman, A.D. Anggono, B.W. Febriantoko, Y. Mat Daud, L. Musa, M.S.M. Rasidi, A. Azrem Azmi and L.H. Ibrahim	81
<b>Examination of Thermoplastic Polymers for Splicing and Bending</b> P.H. Tjahjanti, Iswanto, E. Widodo and S. Pamuji	87